EOSDIS Core System Project

Interim Release One (Ir1) Version Description Document (VDD) for the ECS Project

Version 1.04.02

July 12, 1996

Hughes Information Technology Systems
Upper Marlboro, Maryland

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Version 1.04.02

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Prepared Under Contract NAS5-60000

SUBMITTED BY

Robert E. Clinard /s/   7/16/96
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Preface

This document describes the configuration of Version 1.04.02 and the delta changes since the release of Version 1.04.01 of Interim Release One (Ir1). This attachment reflects updates to software released as of July 12, 1996. It is not a formal deliverable and does not require Government approval. However, it has been placed under configuration control by the ECS CCB. Changes to this document shall be made by document change notice (DCN) or by complete revision.

Any questions regarding distribution should be addressed to:

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Abstract

This document describes the delivery contents of Ir1 (also referred to as *the product*) components including Commercial Off-The-Shelf (COTS) hardware and software (*Ir1 COTS*), Version 1.00 of custom Ir1 ECS software (*Ir1 Software*) and accompanying documentation.

The purpose of this document is to describe the contents of the Ir1 delivery. It briefly describes the capabilities of the product, provides an inventory of the delivery, lists unresolved problems, and addresses issues such as special operating instructions, system limitations, and disclaimer notices for public domain software used in the product.

This document describes the configuration of Version 1.04.02 and the delta changes since the release of Version 1.04.01 of Interim Release One (Ir1). This attachment reflects updates to software released as of July 12, 1996.

Keywords: version, description, release, software, Ir1, hardware, deliver, CCB, problems, instructions, TRMM, SSI&T, inventory

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List of Effective Sections	
Section Number	**Issue**
4.2	Version 1.04.02
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Appendix F	Version 1.04.02

Document History			
Document Number	**Status/Issue**	**Publication Date**	**CCR Number**
814-RD-004-001	Original, Version 1.00	January 3, 1996	96-0044
814-RD-004-002	Version 1.01	January 31, 1996	96-0107
814-RD-004-003	Version 1.02	February 9, 1996	96-0108
814-RD-004-004	Version 1.03	April 10, 1996	96-0370
814-RD-004-005	Version 1.03	May 7, 1996	96-0370A
814-RD-004-006	Version 1.04	May 22, 1996	96-0523
814-RD-004-007	Version 1.04.01	June 11, 1996	96-0624
814-RD-004-008	Version 1.04.02	July 12, 1996	96-0681

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4.2 COTS Software Listing

Table 4.2-1 provides a detailed list of the deployed Sun security patches. The COTS software is scheduled for delivery to GSFC, LARC, and EDF for Ir1.

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Table 4.2-1. COTS Software Report
(Ir1 VDD Version 1.04.02)

SITE: EDF, Landover, MD			SUBSYSTEM: N/A					
ECSNAM	MFR/DEV	DESCRIPTION	MOD/VER	File(s) Location	Hardware Platform	PARENT_ECN	SERIAL_NUM	QTY/LIC
N/A	SUN, Solaris	Patch 102218-03, libbsm fixes	SunOS 5.4 Solaris 2.4	/usr/lib	SPARC	N/A	N/A	1
N/A	SUN, Solaris	Patch 102066-09, sendmail bug fixes	SunOS 5.4 Solaris 2.4	/etc/mail /usr/bin /usr/lib	SPARC	N/A	N/A	1
N/A	SUN, Solaris	Patch 102070-01, bug fix for rpcbind/portmapper	SunOS 5.4 Solaris 2.4	/usr/sbin	SPARC	N/A	N/A	1

SITE: GSFC, Greenbelt, MD			SUBSYSTEM: N/A					
ECSNAM	MFR/DEV	DESCRIPTION	MOD/VER	File(s) Location	Hardware Platform	PARENT_ECN	SERIAL_NUM	QTY/LIC
N/A	SUN, Solaris	Patch 102218-03, libbsm fixes	SunOS 5.4 Solaris 2.4	/usr/lib	SPARC	N/A	N/A	1
N/A	SUN, Solaris	Patch 102066-09, sendmail bug fixes	SunOS 5.4 Solaris 2.4	/etc/mail /usr/bin /usr/lib	SPARC	N/A	N/A	1
N/A	SUN, Solaris	Patch 102070-01, bug fix for rpcbind/portmapper	SunOS 5.4 Solaris 2.4	/usr/sbin	SPARC	N/A	N/A	1

SITE: LARC, Hampton, VA			SUBSYSTEM: N/A					
ECSNAM	MFR/DEV	DESCRIPTION	MOD/VER	File(s) Location	Hardware Platform	PARENT_ECN	SERIAL_NUM	QTY/LIC
N/A	SUN, Solaris	Patch 102218-03, libbsm fixes	SunOS 5.4 Solaris 2.4	/usr/lib	SPARC	N/A	N/A	1
N/A	SUN, Solaris	Patch 102066-09, sendmail bug fixes	SunOS 5.4 Solaris 2.4	/etc/mail /usr/bin /usr/lib	SPARC	N/A	N/A	1
N/A	SUN, Solaris	Patch 102070-01, bug fix for rpcbind/portmapper	SunOS 5.4 Solaris 2.4	/usr/sbin	SPARC	N/A	N/A	1

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5.2 Ir1 Non-Conformance Reports (Closed Status)

NCRs closed as of July 11, 1996

Problem Id: ECSed02243

Severity:	2
Title:	Security Patches Required on all Suns
Problem:	Recent intrusion attacks here at LaRC have heighten our awareness on just how vulnerable we are to such attacks. With the development and wide dissemination of such intrusion tools as SATAN and ISS we can no longer assume that the odds are against our system being picked out of the millions on the Internet. Talking with Mr. Park, the local NASA Security Officer, I found out that NASA owned IP addresses are published among the hacker community and are routinely scanned by the aforementioned tools. Request that the Sun Solaris 2.4 Recommended Patch Cluster be installed on all Sun workstations. This Patch Cluster contains the following security patches:

Patch #   Software   Issue

102066-09   SunOS 5.4: sendmail patch
102070-01   SunOS 5.4: Bugfix for rpcbind/portmapper
102218-03   SunOS 5.4: libbsm fixes

Resolution: Install Patch Cluster on all Sun workstations.

Appendix F. Archive Tapes

The following magnetic tape is used to archive the delivered baseline configuration of the developed software.

904-PR-007-009
Label: ECS IR1 v1.04.02 Distribution Date: July 11, 1996
>>> 5.0gbyte format (high density) <<<

SUN_PATCHES_IR1_V1.04.02_071196.tar.Z

All documents (VDD and User's Guide)
Command to untar tar tape: tar xvf ##
where ## = your tape device
Command to untar tar file: tar xvf file.tar
You must uncompress the .Z files
(uncompress SUN_PATCHES_IR1_V1.04.02_071196.tar.Z)

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